



TEL: (860) 627-6363

STATE OF CONNECTICUT
COMMISSION ON FIRE PREVENTION AND CONTROL
CONNECTICUT FIRE ACADEMY



34 PERIMETER RD. WINDSOR LOCKS, CONNECTICUT 06096

Fire Service Certification Examination Criteria

Hazardous Materials Technician

The certification examination process for the level of Hazardous Materials Technician conducted by the State of Connecticut Commission on Fire Prevention and Control consists of two components:

Written Examination

Practical Skills Examination

Section One – Written Examination

The written examination will consist of 125 questions in one or more of the following formats: multiple choice, true/false, and/or matching given in a 2 hour time period. The examination is designed to examine the candidate's knowledge of the cognitive objectives of the 1997 edition of National Fire Protection Standard 472, Hazardous Materials Technician, in the following objectives: Hazardous Materials Awareness level, Hazardous Materials Operational level, General, Analyzing the Incident, Planning the Response, Implementing the Planned Response, Evaluating Progress, and Terminating the Incident.

The reference materials from which the questions for this examination will be drawn are: IFSTA: Hazardous Materials for First Responders, 2nd edition; Fire Protection Publications, Hazardous Materials: Managing the Incident, 2nd edition; and Department of Transportation North American Emergency Response Guidebook, 1996 edition.

Sample Questions

The following are sample questions to represent the type of questions a candidate may be asked to answer during the examination. The subject matter of the Sample Questions may or may not be consistent with the subject matter of this examination.

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Section Two – Practical Skills Examination

Notice: This Practical Skills Examination requires the participant to undergo vigorous physical exertion for an extended period of time.

The candidate will be examined in selected psychomotor objectives as required by the 1997 edition of National Fire Protection Standard 472, Hazardous Materials Technician. The Practical Skills examination will consist of up to 6 practical skills stations which will examine the various subject areas of this level. Each station will consist of one or more practical skills sheets. All candidates shall be prepared to perform all practical skills sheets as notification of which skills are to be examined will be given only on the examination day.

Attached is a Sample Practical Skills Sheet that represents the type of evaluation tool that will be used in this examination. The subject matter of the Sample Practical Skills Sheet may or may not be consistent with the subject matter of this examination. The complete set of Practical Skills Sheets for this level may be obtained from the Commission on Fire Prevention and Control's Certification or Training Divisions.

PASS/FAIL Criteria:

The candidate must receive at least a 70% score on the written examination and must pass all practical skills examination stations with a score of at least 70% on all practical skills sheets with no failures in any identified critical skills.

In accordance with State of Connecticut Regulations, candidates will be notified of written examination scores within 6 weeks of the examination and will be verbally notified of Practical Skills Examination scores by the end of the examination day or by first class mail within 4 – 6 weeks of the examination.

Retest procedures are contained in the State of Connecticut Commission on Fire Prevention and Control Regulations, on the CT Fire Net Web Site (www.state.ct.us/cfpc), or by calling the Commission's Certification Division at 860-627-6363, extension 225.

Application Process:

The candidate must submit the attached, completed, Hazardous Materials Technician Certification Examination Application form at least 10 days prior to the scheduled date of the examination and must comply with all other examination requirements and prerequisites.



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Sample Firefighter I

| | | | |
|---|---|----------------------------|--|
| Skill No. | 3-12C.3 | Primary Task: | Coupling and Uncoupling Hose 3-12.4c |
| Objective(s) : | 3-12.4c | NFPA Standard: | 1001 |
| Performance evaluation sheet | | | |
| Task | | 1 st | 2 nd |
| **ONE PERSON** | | | |
| 1. Couples two lengths (Fire Attack Line)..Min. 1 1/2" using foot – tilt method | | | |
| 2. Uncouples hose lines used in step #1 using knee – press method | | | |
| 3. Couples two lengths (supply line)..Min. size 2 1/2" using foot – tilt method | | | |
| 4. Uncouples hose lines used in step #3 using knee-press method | | | |
| **TWO PERSON** | | | |
| 1. Couples two lengths – Min. size 1 1/2" | | | |
| 2. Uncouples lines used in Step #1 using stiff – arm method | | | |
| 3. Couples two lengths – Min. size 2 1/2" | | | |
| 4. Uncouples line used in Step #3 using stiff – arm method | | | |
| * Critical Step | Failure of this step mandates failure on the entire objective | Safety is PARAMOUNT | Total number steps candidate must complete to pass |